IN THE SPECIFICATION

Page 1, between the title of the invention and the first line of the text, insert the following:

CROSS-REFERENCE TO RELATED APPLICATION

This Application is a Section 371 National Stage Application of International Application No. PCT/FR03/00030, filed 07 January 2003 and published as WO 03/058906 on 17 July 2003, not in English, which is based on French Application No. 02/00281, filed 10 January 2002, the contents of which is hereby incorporated by reference in its entirety.

FIELD OF INVENTION

Page 1, after line 9, insert the following heading:

BACKGROUND OF THE INVENTION

Page 3, after line 25, insert the following heading:

SUMMARY OF THE INVENTION

Page 6, lines 20-17, amend the following paragraph:

Note that the IOTA (Isotropic Orthogonal Transform Algorithm) type modulation is defined in French patent FR-95 05455 filed on May 2 1995. In particular, the IOTA modulation is based on a multi-carrier signal that will be transmitted to a digital receiver corresponding to frequency multiplexing of several elementary carriers, each corresponding to a series of symbols, two consecutive symbols being separated by symbol time τ_0, the separation ν_0 between two adjacent carriers being equal to half of the inverse of the symbol time τ_0, and each carrier being affected by a spectrum shaping filtering with a band width greater than twice the spacing between carriers ν_0,

filtering being chosen such that each symbol is necessarily concentrated in the time domain and in the frequency domain.

Page 11, lines 19-23, amend the following paragraph:
Other characteristics and advantages of the invention will become clearer after reading the following description of a preferred embodiment given as a simple illustrative and non-limitative example, and the attached drawings ~~among which:~~.

Page 11, after line 23, insert the following heading:
<u>BRIEF DESCRIPTION OF THE DRAWINGS</u>

Page 12, after line 4, insert the following heading:
<u>DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS</u>